

Remarks

Claims 1-4, 7-12, 14, and 16-20 are currently pending. Claims 1, 7, 12, and 16 have been amended. Applicants assert that all claims are in condition for allowance as set forth more fully below.

103 Rejections

Claims 1-4, 7-12, 14, and 16-20 stand rejected under 35 USC 103 as being unpatentable over Pearson in view of Giangarra. Applicants respectfully traverse these rejections to the extent they apply to the claims as listed above.

According to exemplary embodiments, speech recognition has a vocabulary that is specifically tied to each of the operations provided by a protocol server via the pages of a graphical user interface, and this vocabulary is present in advance of the user accessing each of the pages corresponding to the operations. Accordingly, there is a relationship established between the speech recognition and the operations available through the protocol server in advance of the user attempting to access those operations

Claim 1, for example, has been amended to recite a system for permitting a user to remotely access data, comprising a systems interface and a computer operable by the user to access data from the legacy systems through the systems interface, and a voice input device coupled to the computer, wherein computer is further programmed with a speech recognition application for receiving voice input from a user, wherein the speech recognition application is adapted to convert the voice input into data recognized by the client application, and wherein the speech recognition application has, in advance of the user accessing each of the pages, a voice module including a vocabulary for each of the pages corresponding to the multiple operations provided by the protocol server such that the speech recognition application utilizes the voice module corresponding to the page that is displayed by the client application upon the user selecting the corresponding operation. Independent claims 7, 12, and 16 have been amended in a similar manner.

The Office Action has introduced the Giangarra reference in relation to a voice module including a vocabulary for each of the pages. Giangarra fails to disclose the recitations of the claims and even teaches away from those recitations and hence, teaches away from a combination with Pearson in relation to the claims. Giangarra discloses that

the vocabulary for a web page is created upon the user accessing the web page such that the vocabulary is created by parsing the mark-up document of the web page to find all of the links and then creating the vocabulary based on those links. This is contrary to the recitations of the claims involving the voice modules with vocabularies for each of the pages of the protocol server. and Pearson fails to account for these deficiencies of Giangarra. Accordingly, the pending claims are allowable over the cited combination for at least these reasons.

Furthermore, as Giangarra is for general-purpose web activity, as opposed to operations of a protocol server, Giangarra must be capable of providing vocabulary for any possible web page of the entire Internet such that it would be a virtual if not absolute impossibility for Giangarra to be further modified to have the vocabularies for all of the potential web pages to be accessed. Additionally, Giangarra teaches away from such further modification as Giangarra discloses that the vocabulary list for one web page is deleted upon the next web page being accessed such that Giangarra specifically discloses maintaining a vocabulary list for only a single page at any given time.

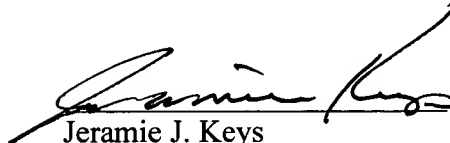
Conclusion

Applicants assert that the application including claims 1-4, 7-12, 14, and 16-20 is in condition for allowance. Applicants request reconsideration in view of the amendments and remarks above and further request that a Notice of Allowability be provided. Should the Examiner have any questions, please contact the undersigned.

No fees are believed due beyond the fee for continued examination. However, please charge any additional fees or credit any overpayment to Deposit Account No. 50-3025.

Respectfully submitted,

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